

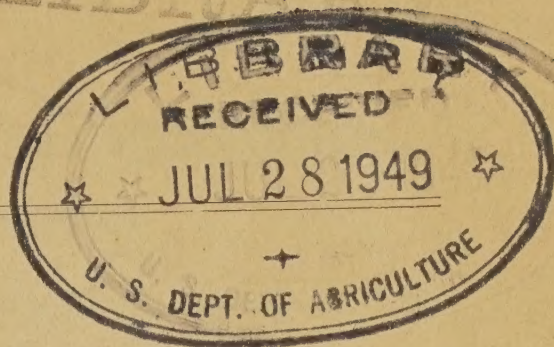
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LIST OF

BULLETINS AND CIRCULARS

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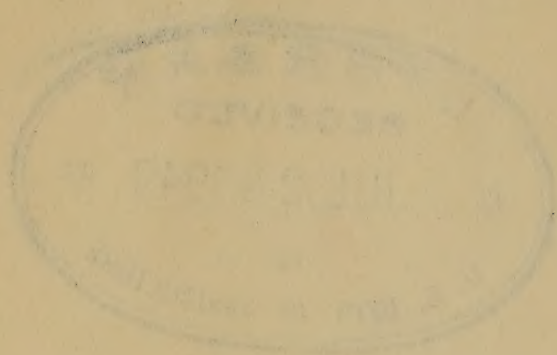
U. S. DEPARTMENT OF AGRICULTURE

AND

AVAILABLE FOR FREE DISTRIBUTION.

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United States Department of Agriculture,

DIVISION OF PUBLICATIONS.

WASHINGTON, D. C., *November 1, 1897.*

NOTE.—Copies of the publications in the accompanying list will be sent free, so long as the editions permit, on application to the Secretary of Agriculture, Washington, D. C.

BULLETINS AND CIRCULARS FOR FREE DISTRIBUTION.

FARMERS' BULLETINS.

No. 15.—Some Destructive Potato Diseases : What They Are and How to Prevent Them. Pp. 8, figs. 3.

CONTENTS. How the diseases may be distinguished—Fungicides or preventives to be used—When and how to apply the fungicides—Cost of the work.

No. 16.—Leguminous Plants for Green Manuring and for Feeding. Pp. 24.

CONTENTS. Green manuring—How plants get nitrogen from the air—Some crops for green manuring—Composition of green leguminous crops—Green manuring compared with feeding the crop—Alfalfa and crimson clover for feeding—Cowpea for feeding—Advantages of soiling—Value of leguminous crops for feeding.

No. 18.—Forage Plants for the South. Pp. 30.

CONTENTS: Forage crops for different soils—Formation and care of meadows and pastures—Forage plants successfully grown in the South.

No. 19.—Important Insecticides: Directions for Their Preparation and Use. Pp. 23.

CONTENTS: Relation of food habits to remedies—Insecticides for external biting insects (food poisons)—Insecticides for external sucking insects (contact poisons)—Dusting and spraying apparatus—Remedies for subterranean insects—Remedies for insects affecting grain and other stored products—Control of insects by cultural methods—Profit in remedial measures.

No. 20.—Washed Soils: How to Prevent and Reclaim Them. Pp. 22, figs. 6.

CONTENTS: Chemical relations of the soil to surface washing—Methods to prevent washing—Recovering gullied hillsides by reforestation—Recovery of washed soils—Preparation for planting forests—Grasses and similar vegetation to prevent washing of land.

No. 21.—Barnyard Manure. Pp. 32, figs. 7.

CONTENTS: Manure as a farm resource—Amount, value, and composition of manures produced by different animals—Influence of age and kind of animal, of quality and quantity of food, of the nature and proportion of litter—Management and use of manure—Lasting or cumulative effect of barnyard manure.

No. 22.—The Feeding of Farm Animals. Pp. 32.

CONTENTS: Principles of feeding—Composition of the animal body—Composition and digestibility of feeding stuffs—Feeding standards for different kinds of animals—Calculation of rations—Selection of feeding stuffs—Preparation of food for animals—Feeding for fat and for lean—Wheat as a food for animals—Table showing composition of feeding stuffs.

No. 23.—Foods: Nutritive Value and Cost. Pp. 32, charts 2.

CONTENTS: Nutriment in food and how it is used in the body—Chemical composition of food materials—The fuel value of food—Definition of food and food economy—Nutritive value of different food materials—Digestibility of food—Calculation of daily dietaries—Pecuniary economy of food—Food and health.

No. 24.—Hog Cholera and Swine Plague. Pp. 16.

CONTENTS: General characters—Symptoms—Appearance on post-mortem examination—The cause of these diseases—Diagnosis and prognosis—Formula for remedy of hog cholera and swine plague—Sanitary measures to prevent the introduction of hog cholera and swine plague—Prevention of disease by proper breeding and feeding.

No. 25.—Peanuts: Culture and Uses. Pp. 24, fig. 1.

CONTENTS: Description and history—Composition—Varieties—Climate and soil suitable for peanut culture—Manuring—Culture—Harvesting—Uses—Summary.

No. 26.—Sweet Potatoes: Culture and Uses. Pp. 30, figs. 4.

CONTENTS: Propagation—Character and preparation of soil—Transplanting—Cultivation—Manuring—Harvesting and storing—Varieties—Fungus diseases and insect enemies—Uses—Cost of production.

No. 27.—Flax for Seed and Fiber in the United States. Pp. 16.

CONTENTS: Can both seed and fiber be saved?—Soil selection and preparation—Fertilizing—Rotation—Kind and quantity of seed to sow—Weeds—Harvesting the fiber—Saving the seed—Retting the straw—The "American practice."

No. 28.—Weeds; And How to Kill Them. Pp. 31, figs. 11.

CONTENTS: General method of eradicating weeds—List of weeds attracting special attention during 1894—Table of one hundred weeds.

No. 29.—Souring of Milk and Other Changes in Milk Products. Pp. 23.

CONTENTS: Composition of milk—Causes of fermentation—Sources, number, and kinds of dairy bacteria—The souring of milk—Supposed effect of thunderstorms—Other forms of fermentation—Fermentation of milk by rennet.

No. 30.—Grape Diseases on the Pacific Coast. Pp. 15, figs. 3.

CONTENTS: California vine diseases—Powdery mildew—Coulure.

No. 31.—Alfalfa, or Lucern. Pp. 23, figs. 3.

CONTENTS: Name—History—Description—Varieties—Habits of growth—Preparation of the soil—Sowing the seed—Alfalfa hay—Feeding value—Soiling vs. pasturing—Alfalfa for hogs—Alfalfa in the orchard—Chemical composition—Alfalfa as a soil renovator—Destroying alfalfa—Enemies of alfalfa.

No. 32.—Silos and Silage. Pp. 31, figs. 10.

CONTENTS: Historical—Construction and cost of silos—Selection and culture of silage crops—Filling the silo—Cost of silage—Composition and feeding value of silage—Feeding silage to farm stock.

No. 33.—Peach Growing for Market. Pp. 24, figs. 20.

CONTENTS: Where peaches can be grown—Planting within easy reach of large markets—Extent of peach lands in the United States—Planting and cultivation of the orchard—Pruning—Fertilizers—Fungous diseases and insect pests—Spraying, washes, etc.—Picking and marketing the fruit—Gluts in the market—Hindrances to profitable peach culture.

No. 34.—Meats: Composition and Cooking. Pp. 29, figs. 4.

CONTENTS: Animal and vegetable foods compared—Structure, composition, texture (toughness), flavor, and digestibility of meats—The cooking of meats—Cuts of meat—Fuel value of meats.

No. 35.—Potato Culture. Pp. 28, figs. 3.

CONTENTS: Soil and rotation—Manuring—Varieties—Time to cut seed potatoes—Quantity of seed potatoes per acre—Weight and number of eyes per set—Number of cuttings and stalks per hill—Cultivation—Mulching—Harvesting and storing—Second crop potatoes—Summary

No. 36.—Cotton Seed and Its Products. Pp. 16.

CONTENTS: Cotton seed—Method of manufacturing cotton-seed products—Cotton-seed oil, meal, and hulls—Cotton-seed hull ash—Feeding cotton-seed products to farm stock—Effect on health of animals—Summary

No. 37.—Kafir Corn: Characteristics, Culture, and Uses. Pp. 12, fig. 1.

CONTENTS: Characteristics, culture, and uses—Varieties—Soils and climate—Preparation of the soil—Methods of seeding—Cultivation and harvesting—Yield—Composition—Practical feeding tests.

No. 38.—Spraying for Fruit Diseases. Pp. 12, figs. 6.

CONTENTS: Fungicides, or remedies for plant diseases—Applying fungicides—Treatment of grape, apple, pear, quince, cherry, and plum diseases.

No. 39.—Onion Culture. Pp. 31, figs. 3.

CONTENTS: Selection and preparation of soil—Fertilizing—Seed and varieties—Growing onions from sets and from seed sown in the field—Transplanting—Cultivating and weeding—Irrigation—Harvesting—Storing—Production of seed—Two important enemies of the onion.

No. 40.—Farm Drainage. Pp. 24, figs. 7.

CONTENTS: Structure of soils, and its relation to their drainage—Natural and artificial drainage—Surface drainage and under drainage—Tile drainage—Open drains—Construction of open ditches.

No. 41.—Fowls: Care and Feeding. Pp. 24, figs. 4.

CONTENTS: Site for building and yards—Construction of houses—Perches, nests, drinking fountains, dust boxes, etc.—Breeds and breeding—Feeding—Brooders and incubators—Diseases and lice—Dressing and shipping.

No. 42.—Facts About Milk. Pp. 29, figs. 8.

CONTENTS: The dairy industry—Composition and causes of variation in milk—Difficulties in obtaining pure milk—Changes of milk—Care of milk—Detecting impure milk—Town and city milk supply.

No. 43.—Sewage Disposal on the Farm and the Protection of Drinking Water. Pp. 20, figs. 8.

CONTENTS: Methods of disposal of different kinds of sewage—Protection of drinking water—Ways of contamination of water—Construction of wells.

No. 44.—Commercial Fertilizers: Composition and Use. Pp. 24.

CONTENTS: The need of commercial fertilizers—Fertilizer requirements of different soils and crops—Forms, sources, and composition of fertilizing materials—Agricultural vs. commercial value of fertilizers—Purchase of fertilizers and conditions when they may be properly used—Kind to use—How to apply.

No. 45.—Some Insects Injurious to Stored Grain. Pp. 32, figs. 17.

CONTENTS: Grain weevils—Grain moths—Flour and meal moths—Flour beetles—Meal worms—Grain beetles—The cadelle—Parasites and natural enemies—Methods of control: Preventive measures; insecticides and other destructive agencies; the bisulphide of carbon treatment; summary of principal remedies.

No. 46.—Irrigation in Humid Climates. Pp. 27, figs. 4.

CONTENTS: The advantages of an abundant supply of soil moisture—The rainfall of the growing season in the United States is insufficient for maximum yield—Extent of irrigation in the humid parts of Europe—The rainfall of Europe and the Eastern United States compared—Fertilizing value of irrigation waters—Lands best suited to irrigation in humid climates—Methods of obtaining water for irrigation—The construction of reservoirs—Methods of applying irrigation water

No. 47.—Insects Affecting the Cotton Plant. Pp. 32, figs. 18.

CONTENTS: The cotton worm, or cotton caterpillar—The cotton bollworm—The Mexican cotton-boll weevil—Other cotton insects.

No. 48.—The Manuring of Cotton. Pp. 16.

CONTENTS: The draft of the cotton plant upon the fertility of the soil—Experiments on the manuring of cotton.

No. 49.—Sheep Feeding. Pp. 24.

CONTENTS: Feeding breeding ewes—Feeding lambs intended for breeding purposes—Feeding rams—Feeding lambs for market.

No. 50.—Sorghum as a Forage Crop. Pp. 22, fig. 1.

CONTENTS: General characteristics and origin—Extent of cultivation in the United States—Varieties—Conditions of growth—Methods of culture—Yield—Value for forage—Chemical composition and digestibility—Objections sometimes urged against sorghum as a forage crop—Summary.

No. 51.—Standard Varieties of Chickens. Pp. 48, figs. 44.

Enumerates, describes, and illustrates forty-four varieties of barnyard fowls, popularly called chickens, and recites their respective points of superiority and general utility.

No. 52.—The Sugar Beet. Pp. 48, figs. 24.

CONTENTS: Climatic conditions affecting the growth of the sugar beet—The theoretical beet-sugar belt of the United States—Growth of beets on irrigated lands—Varieties of beets—Soils—Fertilization—Precautions to be observed in applying stable manure—Preparation of the land for planting—Planting—Cultivation—Cost of growing beets—Harvesting—Siloing—Domestic production of beet seed—Comparative value of domestic and foreign-grown seed—Manufacture of sugar—Home manufacture of sugar—Waste products—Cost of manufacture—Cost of factory—Cooperative factories—Statistical.

No. 53.—How to Grow Mushrooms. Pp. 20, figs. 14.

CONTENTS: Raising mushrooms from spores, or seed—Spawn—Where to grow mushrooms—Manure—Temperature—Gathering the mushrooms—Packing—Marketing—Mushroom diseases—Growing mushrooms in summer.

No. 54.—Some Common Birds in Their Relation to Agriculture. Pp. 40, figs. 14.

CONTENTS: The cuckoos—The woodpeckers—The kingbird—The phoebe—The bluejay—The crow—The bobolink, or ricebird—The red-winged blackbird—The meadow lark, or old-field lark—The Baltimore oriole—The crow blackbird—The sparrows—The rose-breasted grosbeak—The swallows—The cedarbird—The catbird—The brown thrasher—The house wren—The robin—The bluebird.

No. 55.—The Dairy Herd: Its Formation and Management. Pp. 24.

CONTENTS. Cattle for the dairy—Pure-bred dairy cattle and grades—The bull and his treatment—Accommodations for the herd—Health of the herd—Fall-fresh cows most profitable—Drying off cows and calving time—Abortion and milk fever—Care of calves and young stock—The pasture season and soiling—The stabling season—Feeding the herd.

No. 56.—Experiment Station Work—I. Pp. 30, figs. 10.

CONTENTS: Good vs. poor cows—Corn vs. wheat—Effects of rations richer and poorer in protein—Forage crops for pigs—Robertson silage mixture—Alfalfa—Effect of fertilizers on the proportion of grain to straw and stover—

Comparative fertilizing value of different phosphates—The harmful effects on soils of the continued use of muriate of potash—Recent progress in the study of irrigation—Potato scab—Barnyard manure—Explanation of terms.

No. 57.—Butter Making on the Farm. Pp. 15.

CONTENTS: Good milk—Creaming the milk—Deep cold-setting—The farm separator—Ripening cream—The churn—Churning—White specks in butter—Coloring butter—Salting and working butter—Make butter to suit the customer.

No. 58.—The Soy Bean as a Forage Crop. With an Appendix on Soy Beans as a Food for Man. Pp. 24, figs. 5.

CONTENTS: General characteristics and origin—Varieties—Methods of culture—Harvesting—Yield—Chemical composition—Digestibility—Value and uses—Appendix. Soy beans as food for man.

No. 59.—Bee Keeping. Pp. 32, figs. 19.

CONTENTS: Locations suited to the keeping of bees—The returns to be expected from an apiary—Any one who desires to do so can learn to manipulate bees—How to avoid stings—What hive to adopt—Management in swarming—Special crops for honey alone not profitable—How to obtain surplus honey and wax—The wintering of bees—The risk of loss through disease and enemies

No. 60.—Methods of Curing Tobacco. Pp. 16.

CONTENTS: Introduction—Curing the Northern cigar tobacco—Curing tobacco in Florida—Curing White Burley tobacco—Curing bright yellow tobacco—Curing export tobacco—Marketing tobacco—Types of tobacco.

No. 61.—Asparagus Culture. Pp. 40, figs. 17.

CONTENTS: Introduction—History—Botany and varieties—Production of plants from seed; saving seed; selection of plants—Selection and preparation of soils—Planting and cultivation—Manuring beds—Cost of an asparagus bed—Harvesting and marketing—Canning—Drying—Fungus diseases—Insect enemies: The common asparagus beetle; the twelve-spotted asparagus beetle.

No. 62.—Marketing Farm Produce. Pp. 28, figs. 7.

CONTENTS: Introduction—The trade in farm produce—General rules—Packing—The commission merchant—Particular directions: Butter, eggs, poultry and game, meats and potatoes, small fruits, fruits, vegetables, and honey.

NOTE.—Nos. 63, Care of Milk on the Farm; 64, Ducks and Geese: Standard Varieties and Management; and 65, Experiment Station Work, II, are now in press.

CIRCULARS OF INFORMATION.

DIVISION OF AGROSTOLOGY.

[See also Division of Botany.]

Circular No. 1.—A Note on Experimental Grass Gardens. Pp. 4.

Comments on number and kinds of grasses and leguminous plants in the United States—Destruction of native species of grasses—Kinds of different species—Experiments at Department of Agriculture and at Knoxville, Tenn.—Why the Division of Agrostology was established.

Circular No. 2.—Hairy Vetch, Sand Vetch, or Russian Vetch (*Vicia villosa*). Pp. 4, fig. 1.

Nativity and history of cultivation—Adaptability to drougthy climates—A promising fodder crop—When to plant and amount to sow—Value as a soil binder and as green manure—Analyses—Summary.

Circular No. 3.—Saltbushes. Pp. 4, figs. 3.

Circular No. 4.—The Renewing of Wornout Native Prairie Pastures. Pp. 4, figs. 4.

BUREAU OF ANIMAL INDUSTRY.

Circular No. 1.—Simple Directions for the Sterilization of Milk. P. 1, figs. 2.

Circular No. 2.—Wheat as a Food for Growing and Fattening Animals. Pp. 4.

Circular No. 4.—Crossing Improved Breeds of Swine with the Common Hogs of Florida. Pp. 3.

Circular No. 5.—The Direct Transmission of Infectious Enterohepatitis in Turkeys. Pp. 8.

This circular discusses the nature of the disease sometimes called blackhead.

Circular No. 6.—Black Quarter. Pp. 4.

Circular No. 7.—Actinomycosis, or Lumpy Jaw. Pp. 4.

Circular No. 8.—Injuries to Cattle from Swallowing Pointed Objects. Pp. 4.

Circular No. 11.—How to Select Good Cheese. Pp. 11.

Circular No. 17.—Exports of Animals and their Products. Pp. 3.

Circular No. 18.—Lists of Officials and Associations Connected With the Dairy Interests in the United States and Canada for 1897. Pp. 8.

Circular No. 19.—Factory Cheese and How it is Made. Pp. 8.

DIVISION OF BIOLOGICAL SURVEY.

Circular No. 17.—Bird Day in the Schools. Pp. 4.

DIVISION OF BOTANY.

Circular No. 1.—Hungarian Brome Grass (*Bromus inermis*). Pp. 4, fig. 1.

Circular No. 2.—Nut Grass (*Cyperus rotundus*). Pp. 4, fig. 1.

Circular No. 3.—The Russian Thistle. Pp. 8, figs. 3.

Circular No. 5.—Giant Knotweed, or Sachaline. Pp. 4, figs. 3.

Circular No. 6.—Standards of the Purity and Vitality of Agricultural Seeds. Pp. 4.

Circular No. 7.—Tumbling Mustard. Pp. 8, figs. 3.

Circular No. 8.—Crimson Clover Hair Balls. Pp. 4, figs. 2.

Circular No. 9.—Wild Garlic. Pp. 8, figs. 3.

Circular No. 10.—Three New Weeds of the Mustard Family. Pp. 6, figs. 3.

Circular No. 11.—The Vitality of Seed Treated with Carbon Bisulphid. Pp. 5.

Circular No. 12.—The Camphor Tree. Pp. 7, figs. 2.

DIVISION OF CHEMISTRY.

Circular No. 1.—The Manufacture of Sorghum Sirup. Pp. 3.

Circular No. 2.—Changes in and Additions to Methods of Analysis Adopted at the Thirteenth Annual Meeting of the Association of Official Agricultural Chemists. Pp. 6.

DIVISION OF ENTOMOLOGY.

Circular No. 2.—The Hop Plant Louse and the Remedies to be Used Against It. Pp. 7, figs. 5, pl. 1.

Circular No. 3.—An Important Enemy to Fruit Trees. The San Jose Scale: Its Appearance in the Eastern United States; Measures to be taken to prevent its Spread and to Destroy It. Pp. 10, figs. 5.

Circular No. 4.—The Army Worm. Pp. 5, figs. 3.

Circular No. 5.—The Carpet Beetle, or "Buffalo" Moth. Pp. 4, fig. 1.

Circular No. 7.—The Pear Tree Psylla. Pp. 8, figs. 6.

Circular No. 8.—The Imported Elm Leaf Beetle. Pp. 4, fig. 1.

Circular No. 9.—Canker-worms. Pp. 4, figs. 4.

Circular No. 10.—The Harlequin Cabbage Bug, or Calico Back. Pp. 2, fig. 1.

Circular No. 11.—The Rose Chafer. Pp. 4, fig. 1.

Circular No. 12.—The Hessian Fly. Pp. 4.

Circular No. 13.—Mosquitoes and Fleas. Pp. 4.

Circular No. 14.—The Mexican Cotton-boll Weevil. Pp. 8, figs. 5.
[Revised edition of Circular No. 6, of which there is a Spanish edition.]

Circular No. 16.—The Larger Corn Stalk Borer. Pp. 3, figs. 3.

Circular No. 17.—The Peach Tree Borer. Pp. 4, fig. 1.

Circular No. 18.—The Mexican Cotton-boll Weevil. Pp. 8, figs. 5.
[Revised edition of No. 14, printed in two editions, English and Spanish.]

Circular No. 19.—The Clover Mite. Pp. 4, fig. 1.

Circular No. 20.—The Woolly Aphis of the Apple. Pp. 6, figs. 2.

Circular No. 21.—The Strawberry Weevil. Pp. 7, figs. 4.

Circular No. 22.—The Periodical Cicada in 1897. Pp. 4.

Circular No. 23.—The Buffalo Tree-hopper. Pp. 4, figs. 2.

Circular No. 24.—The Two-lined Chestnut Borer. Pp. 8, fig. 1.

Circular No. 25.—The Ox Warble. Pp. 10, figs. 10.

Circular No. 26.—The Pear Slug. Pp. 7, figs. 4.

OFFICE OF EXPERIMENT STATIONS.

- Circular No. 25.—Canaigre. Pp. 4, fig. 1.
- Circular No. 27.—Statistics of Agricultural Colleges and Experiment Stations. Pp. 18.
- Circular No. 28.—Broom Corn. Pp. 4.
- Circular No. 32.—Methods of Teaching Agriculture. Pp. 20.
- Circular No. 33.—Civil Service in the Department of Agriculture. Pp. 10.
- Circular No. 34.—Rules and Apparatus for Seed Testing. Pp. 9, figs. 2.
- Circular No. 35.—Statistics of Land-Grant Colleges and Agricultural Experiment Stations, 1896. Pp. 18.
- Circular No. 36.—Constitution of the Association of American Agricultural Colleges and Experiment Stations. Pp. 4.
- Circular No. 37.—Methods of Teaching Agriculture [second report]. Pp. 4.

SECTION OF FOREIGN MARKETS.

- Circular No. 1.—Peaches and Other Fruits in England. Pp. 3.
- Circular No. 2.—American Dried Apples in the German Empire. Pp. 3.
- Circular No. 3.—Imports and Exports for 1893 and 1894. Pp. 4.
- Circular No. 4.—An Example for American Farmers and Dairymen. Pp. 4.
- Circular No. 5.—The Treaty of Shimonoseki between China and Japan of April 17, 1895, and Our Possibilities of Trade with Those Countries. Pp. 7.

The treaty and additional concessions made by China—Position occupied by Japan in manufactures of silk and cotton goods—Organization of a French commercial commission to China—Our principal exports to Japan and their value—Value of our exports to China—Value of our imports from China—A British commercial commission for China.

- Circular No. 6.—Imports and Exports for 1893, 1894, and 1895. Pp. 6.

Value of exports of domestic merchandise from the United States—Distribution of exports from the United States—Total domestic and foreign merchandise—Imports—Sources of imports into the United States.

- Circular No. 7.—Extension of Markets for American Feed Stuffs. Pp. 8.

Communication of Newton B. Ashby, U. S. consul at Dublin, Ireland, showing how markets for feed stuffs may be greatly enlarged—Preparation of feeding stuffs for foreign markets—Suggested formulas for feed cakes—Exports of oil cake 1893-1895—Analysis of Black Sea and Danubian maize.

- Circular No. 8.—The Manchester District of England as a Market for American Products. Pp. 8, fig. 1.

Cost per ton of transporting certain articles from ship at Liverpool to Manchester by railway and from Liverpool to Manchester by ship canal, respectively—List of goods which can be stored successfully and the rates charged for their

storage—Description of cattle wharf, slaughterhouses, and cooling rooms—Prices—Criticisms—Cereals—Cotton—Articles which might be advantageously produced in the United States for shipment to England and especially to the Manchester consular district.

Circular No. 9.—Imports and Exports for 1893-96. Pp. 9.

Circular No. 10.—Course of Wheat Production and Exportation in the United States, Canada, Argentina, Uruguay, Russia, and British India from 1880 to 1896. Pp. 8.

Circular No. 11.—Agricultural Products Imported and Exported by the United States for 1892-96. Pp. 8.

Circular No. 12.—Sources of the Principal Agricultural Imports of the United States During the Five Years Ended June 30, 1896. Pp. 24.

Circular No. 13.—Distribution of the Principal Agricultural Exports of the United States During the Five Years Ended June 30, 1896. Pp. 24.

Circular No. 14.—Hamburg as a Market for American Products. Pp. 10.

Circular No. 15.—Exports of Cotton from Egypt. Pp. 7.

Circular No. 16.—Our Trade with Cuba from 1887 to 1897. Pp. 30.

Circular No. 17.—United States Wheat for Eastern Asia. Pp. 8.

Circular No. 18.—Hawaiian Commerce from 1887 to 1897. Pp. 37.

DIVISION OF FORESTRY.

Circular No. 10.—Suggestions to the Lumbermen of the United States in Behalf of More Rational Forest Management. Pp. 8.

Circular No. 11.—Facts and Figures Regarding our Forest Resources Briefly Stated. Pp. 8.

Circular No. 12.—Southern Pine: Mechanical and Physical Properties. Pp. 12, figs. 4. [Quarto.]

Circular No. 13.—Forest Fire Legislation in the United States. Pp. 8.

Circular No. 14.—Is Protection Against Forest Fires Practicable? Pp. 4.

Circular No. 15.—Summary of Mechanical Tests on Thirty-two Species of American Woods. Pp. 12.

Circular No. 16.—Age of Trees and Time of Blazing Determined by Annual Rings. Pp. 11, figs. 12.

Circular No. 17.—Recent Legislation on State Forestry Commissions and Forest Reserves. Pp. 15.

DIVISION OF GARDENS AND GROUNDS.

Circular No. 1.—An Experiment in Tea Culture. Pp. 10.

DIVISION OF POMOLOGY.

Circular No. 1.—Nut Culture. Pp. 4.

Circular No. 2.—Prune Culture. Pp. 7, figs. 3.

Circular No. 3.—Notes on Peach Culture. Pp. 10, figs. 4.

DIVISION OF PUBLICATIONS.

Circular No. 179.—List of Publications of the Department of Agriculture for sale by the Superintendent of Documents. Pp. 28.

Circular No. 218.—The Publication Work of the Department of Agriculture as Affected by the Law of January 12, 1895. Pp. 4.

Circular No. 238.—List of Farmers' Bulletins Available for Distribution. Pp. 4.

Monthly List of Publications.

This list is issued on the last day of each month and contains the titles of all publications issued by the Department of Agriculture during the month. The Monthly List is mailed regularly to all persons requesting that their names be enrolled for that purpose.

OFFICE OF ROAD INQUIRY.

Circular No. 15.—An Act to Provide for the Construction of Roads by Local Assessment, County and State Aid. Pp. 3.

Circular No. 16.—Highway Taxation; Comparative Results of Labor and Money Tax Systems. Pp. 5.

Circular No. 17.—Origin and Work of the Darlington Road League. Pp. 6.

Circular No. 18.—Report of Committee on Legislation, adopted by the State Good Roads Convention held at Richmond, Va., October 10 and 11, 1895. Pp. 6.

Circular No. 19.—Traffic on the Country Roads. Opinions of representative men. Pp. 3.

Circular No. 20.—Comments on Systems of Maintaining Country Roads. Opinions of representative men. Pp. 7.

Circular No. 21.—Methods of Construction of Macadamized Roads. Extract from a Report Prepared by the Chief Engineering Inspector of the Local Government Board of Great Britain. Pp. 11.

Circular No. 22.—Appeal for State Organization in Tennessee. Pp. 3.

Circular No. 23.—Money Value of Good Roads to Farmers. Pp. 4.

Circular No. 24.—Highway Repairing. Pp. 11.

Circular No. 25.—Brick Paving for Country Roads. Pp. 7.

Circular No. 26.—Going in Debt for Good Roads. Pp. 6.

- Circular No. 27.—Cost of Hauling Farm Products in Europe. Pp. 12.
- Circular No. 28.—Discussion of Road Improvement in Maine, North Carolina, New York, and Illinois. Pp. 26.
- Circular No. 29.—The Forces Which Operate to Destroy Roads, with notes on road stones and problems therewith connected. Pp. 13, pls. 4.

OFFICE OF THE SECRETARY.

- Circular No. 2.—Protest Against Proposed Legislation Restricting the Experiments of the Department of Agriculture. Pp. 8.
- Circular No. 3.—Progress of Southern Agriculture. Pp. 12.
- Circular No. 4.—Experiments on Living Animals. Pp. 3.

DIVISION OF STATISTICS.

- Circular No. 1.—Acreage, Production, and Value of Principal Farm Crops in the United States, 1866 to 1895, with Other Data as to Cotton and Wool. Pp. 8.
- Circular No. 2.—The Wheat Crop of the World for 1895. Pp. 2.
- Circular No. 3.—The Farmers' Interest in Finance. Pp. 15.
- Circular No. 4.—The Cotton Crop of 1895. Pp. 15.
- Circular No. 5.—Local Taxation as Affecting Farms. Pp. 16.
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